



*Department of Psychiatry*



**BIBLIOGRAPHY 2019**

### **Books:**

- Barkley, R.A. (1995/2000/2005/2013/2020). Taking charge of ADHD: The complete, authoritative guide for parents. New York: Guilford Press. Fifth edition revised and published in 2020. ISBN-13: 978-1462508518 ISBN-10: 1462508510
- Shah B, Kornstein S.G. Psychiatric Disorders. In: Jenkins M.J., Newman C. (eds.) (2019) Integrating Sex and Gender into Clinical Practice. Elsevier, in press.
- Kornstein S.G., Clayton A (Eds.) (2019). Medical Clinics of North America volume of Women's Mental Health.
- Reisweber, J. & Meyer, B. (2019). Transcending Self Therapy: Group integrative cognitive behavioral treatment book for facilitators. Carter Press: Richmond, VA.

### **Book Chapter:**

- Arias A.J., Welch W., Kaminer Y. (2019). Bio-Assays and the Detection of Substances of Abuse in Youth. Clinical Manual of Youth Addictive Disorders. American Psychiatric Press Inc.
- Antshel, K. & Barkley, R.A. (2019). Attention deficit hyperactivity disorder. In A. Gallagher, C. Bulteau, D. Cohen, & J.L. Michaud (Eds.) Neurodevelopmental and Cognitive Disabilities: Handbook of Clinical Neurology. New York: Elsevier.
- Gardner K., Bostwick J., Crouse E. (2019). Obsessive-Compulsive Disorder in Pharmacotherapy: A Pathophysiologic Approach. Section Editor Ellingrod, V. Overall Editor: Dipiro J. McGraw-Hill Education.
- Peron E., Crouse E., et al. (2019). Alzheimer's Disease in Pharmacotherapy: A Pathophysiologic Approach. Editor Ellingrod, V. Overall Editor: Dipiro J. McGraw-Hill Education.
- Levenson J.L.L., Crouse E.L., Bozyski K. (2019). "Psychopharmacology" in The American Psychiatric Association Publishing Textbook of Psychiatry. Seventh Edition. American Psychiatric Association Publishing, Washington DC.
- Rowles Marino B.M., Ellington A., Tarr A., Hertzler J.L., Findling R.L., Hammond C.J. Co-occurring substance use and psychiatric disorders in adolescents and young adults: clinical guidelines for diagnosis and treatment. In: Substance Use Disorders in Adolescents and Young Adults: A Manual for Pediatric and Primary Care Clinicians (Greydanus D.E., Kaplan G., Patel D.R., Merrick J., eds). New York, Nova Science Publishers, Inc. (2019)

- Kanhere, M., Jones, S., and Tangprichaovide, V. Evidence-Based Endocrinology-4<sup>th</sup> Edition, Chapter 13 Transgender Care, didactic sessions to local physicians from other specialties.
- Levenson J.L., Crouse E.L., Bozymski K. "Psychopharmacology" in The American Psychiatric Association Publishing Textbook of Psychiatry. Seventh Edition. American Psychiatric Association Publishing, Washington DC. (2019).

### **Publications:**

- Jefee-Bahloul H., Jorandby L., Arias A.J. Topiramate Treatment of Alcohol Use Disorder in Clinical Practice. *J Addict Med.* 2019 Jan/Feb;13(1):23-27. doi: 10.1097/ADM.0000000000000444. PMID: 30096078. (2019).
- Ma L., Steinberg J.L., Bjork J.M., Taylor B.A., Arias A.J., Terplan M., Anastasio N.C., Zuniga E.A., Lennon M., Cunningham K.A., Moeller F.G. Cingulo-hippocampal effective connectivity positively correlates with drug-cue attentional bias in opioid use disorder. *Psychiatry Res Neuroimaging.* 2019 Dec 30;294:110977. doi: 10.1016/j.psychresns.2019.08.005. Epub 2019 Aug 13. PMID: 31439409. (2019)
- Manhapra A., Chakraborty A., Arias A.J. Topiramate Pharmacotherapy for Alcohol Use Disorder and Other Addictions: A Narrative Review. *J Addict Med.* 2019 Jan/Feb;13(1):7-22. doi: 10.1097/ADM.0000000000000443. PMID: 30096077 Review. (2019).
- Petrakis I.L., Ralevski E., Gueorguieva R., Sloan M.E., Devine L., Yoon G., Arias A.J., Sofuoglu M. Psychopharmacology (Berl). 2019 Oct;236(10):3013-3021. doi: Targeting neuroinflammation with minocycline in heavy drinkers. 10.1007/s00213-019-05205-3. Epub 2019 Mar 27. PMID: 30919006 Clinical Trial. (2019).
- Barker, S.B., Krzastek, S.C., Vokes, R.A., Schubert, C.M., Cooley, L.F., & Hampton, L.J. Examining the Effect of an Animal-Assisted Intervention on Patient Distress in Outpatient Cystoscopy. *Human-Animal Interaction Bulletin*, 8(1), 23-27. (2020).
- Barker, S.B., Krzastek, S.C., Vokes, R.A., Schubert, C.M., Cooley, L.F., & Hampton, L.J. Examining the Effect of an Animal-Assisted Intervention on Patient Distress in Outpatient Cystoscopy, *International Society for Anthrozoology Proceedings*, Orlando, FL, (July 2-4, 2019).

- Barker, S.B., and Barker, R.T. Animal-assisted interventions (AAI) in hospitals. In Fine, A. Handbook of Animal-Assisted Therapy. Fifth Edition, Elsevier. (2019).
- Barker, S.B., Vokes, R.A., Barker, R.T. Animal-Assisted Interventions in Health Care Facilities: A Best-Practices Manual for Establishing and Maintaining New Programs. Purdue University Press. (2019).
- Barkley, R.A. & Fischer, M. Hyperactive child syndrome and estimated life expectancy by young adult follow-up: The role of ADHD persistence and other potential predictors. *Journal of Attention Disorder*, 23(9), 907-923. (2019).
- Duijkers, J., Vissers, C., Rinck, M., Barkley, R.A., & Egger, J. Dutch translation and adaptation of the Barkley Deficits in Executive Functioning Scale (BDEFS). *Archives of Clinical Psychiatry*, 46(4), 89-96. (2019).
- Barkley, R.A., Smith, K.M., & Fischer, M. ADHD risk genes involved in dopamine signaling and metabolism are associated with reduced estimated life expectancy at young adult follow-up in hyperactive and control children. *American Journal of Molecular Genetics Part B (Neuropsychiatric Genetics)*, 180(3), 175-185. (2019).
- Barkley, R.A. & Fischer, M. Time reproduction deficits at young adult follow-up in ADHD: The role of persistence of disorder and executive functioning. *Developmental Neuropsychology*, 44(1), 50-70. (2019).
- Hawes, S.W., Waller, R., Byrd, A.L., Bjork, J.M., Dick, A.S., Sutherland, M.T., Riedel, M.C., Tobia, M.J., Thomson, N., Laird, A.R., Gonzalez, R. Reward processing among children with disruptive behavior disorders and callous-unemotional traits in the ABCD study. (In press: *American Journal of Psychiatry*).
- Anastasio, N.C., Sholler, D.J., Fox, R.G., Stutz, S.J., Merritt, C.R., Bjork, J.M., Moeller, F.G., Cunningham, K.A. Synergistic suppression of cocaine relapse-like behaviors upon pimavanserin and lorcaserin co-administration. (In Press: *Neuropharmacology*)
- Ma, L., Steinberg, J., Bjork, J.M., Taylor, B., Arias, A., Terplan, M., Anastasio, N., Zuniga, E.A., Lennon, M., Cunningham, N., Moeller, F.G. Cingulo-hippocampal effective connectivity and drug cue related attentional bias in opioid use disorder. (In press: *Psychiatry Research: Neuroimaging*)

- Ma, L., Steinberg, J., Bjork, J.M., Wang, Q., Ferre, S., Bickel, W., Abbate, A., Moeller, F.G. Altered effective connectivity of central autonomous nervous system in response to negative facial expression in adults with cannabis use disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* 5: 84-96. doi: 10.1016/j.bpsc.2019.05.013. (2020).
- Hagler, D.J., Hatton, S.N., Cornejo, M.D., Makowski, C., Fair, D.A., Dick, S.A., Sutherland, M.T., Casey, B.J., Barch, D.M., Harms, M.P., Watts, R., Bjork, J.M., et al. Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. *Neuroimage* 202:116091, PMID6981278. (2019).
- Thomson, N.D., Moeller, F.G., Amstadter, A., Svikis, D., Bjork, J.M. The impact of parental incarceration on psychopathy, crime, and prison violence in women. *International Journal of Offender Therapy and Comparative Criminology*. doi: 10.1177/0306624X20904695. (2020).
- Polak, K., Burroughs, T., Reisweber, J., Bjork, J. Four-Session Transcending Self Therapy for substance use, depression, and treatment retention among Veterans with Substance Use Disorders: A pilot study. *J Addict Res Ther* 10: 380. doi: 10.4172/2155-6105.1000380 (Open-Access Article). (2019).
- Thompson, W., Barch, D., Bjork, J.M., Gonzalez, R., Nagel, B., Nixon, S.J., Luciana, M. The Structure of Cognition in 9 and 10 year-old Children and Associations with Problem Behaviors: Findings from the ABCD Study's Baseline Neurocognitive Battery. *Dev Cogn Neurosci*. 36:100606. doi: 10.1016/j.dcn.2018.12.004. Epub 2018 Dec 13. (2019).
- Thomson, N., Kiehl, K., Bjork, J.M. Predicting Violence and Aggression in Young Women: The Importance of Psychopathy and Neurobiological Function. *Physiology and Behavior* 201: 130-138. (2019).
- Bozymski K.M., Crouse E.L., Titus-Lay E.N., Ott C.A., Nofziger J.L., Kirkwood C.K. Esketamine; A novel option for treatment-resistant depression. *Annals Pharmacother* Dec 4 2019; epub eahead of print. doi.org/10.1177/1060028019892644. (2020).
- Alastanos, J.N., Potter, T.G., Crouse, E.L. Lithium-related medication problems on nonpsychiatric inpatient medical units. *AJHP Residents Ed*. 2019;76 suppl 4: S92-5. /doi.org/10.1093/ajhp/zxz213

- Leung, J.G., Cusimano, J., Gannon, J.M., Milgrom, O., Valcourt, S.C., Stoklosa, J.B., Kemp, M., Olsufka, W., Vickery, P.B., Nichols, S.D., Crouse, E.L., Paxos, C., Johnson, E.K., Palmer, B.A. Addressing clozapine under-prescribing and barriers to initiation: a psychiatrist, advanced practice provider, and trainee survey. *Int Clin Psychopharmacol* 2019; PMID: 31107831, DOI 10.1097/YIC.000000000000269
- Acuff, H.E., Versace, A., Bertocci M.A., Hanford L.C., Ladouceur C.D., Manelis A., Monk K., Bonar L., McCaffrey A., Goldstein B.I., Goldstein T.R., Sakolsky D., Axelson D., LAMS Consortium, Birmaher B., Phillips M.L. White matter – emotion processing activity relationships in youth offspring of bipolar parents. *Journal of Affective Disorders*, 43, 153-164. (2019).
- Findling, R.L., McNamara, N.K., Pavuluri, M., Frazier, J.A., Rynn, M., Scheffer, R., Kafantaris, V., Robb, A., DelBello, M., Kowatch, R.A., Rowles, B.M., Lingler, J., Zhao, J., Clemons, T., Martz, K., Anand, R., Taylor-Zapata, P. Lithium for the maintenance treatment of bipolar I disorder: a double-blind, placebo-controlled discontinuation study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 58, 287-296. (2019).
- Findling, R.L., Adler, L.A., Spencer, T.J., Goldman, R., Hopkins, S.C., Koblan, K.S., Kent, J., Hsu, J., Loebel, A. Dasotraline in children with attention deficit hyperactivity disorder: a six- week, placebo-controlled, fixed-dose trial. *Journal of Child and Adolescent Psychopharmacology*, 29, 80-89. (2019).
- Joseph, H.M., Farmer, C., Kipp, H., Kolko, D., Aman, M., McGinley, J., Arnold, L.E., Gadow, K.D., Findling, R.L., Molina, B.S.G. Attendance and engagement in parent training predicts child behavioral outcomes in children pharmacologically treated for ADHD and severe aggression. *Journal of Child and Adolescent Psychopharmacology*, 29, 90-99. (2019)
- Robb, A., Schwabe, S., Ceresoli-Borroni, G., Nasser, A., Yu, C., Marcus, R., Candler, S., Findling, R. L. A proposed anti-maladaptive aggression agent classification: improving our approach to treating impulsive aggression. *Postgraduate Medicine*, 131, 129-137. (2019).
- Papanтони, A., Reinblatt, S.P., Findling, R.L., Moran, T.H., Mogayzel, P.J., Carnell, S. Appetitive characteristics in children with cystic fibrosis: questionnaire validation and association with nutritional status. *Appetite*, 139, 90-94. (2019).

- Rizvi, S.H., Salcedo, S., Youngstrom, E.A., Freeman, L.K., Gadow, K.D., Fristad, M.A., Birmaher, B., Kowatch, R.A., Horwitz, S.M., Frazier, T.W., Arnold, L.E., Taylor, H.G., Findling, R.L. Diagnostic accuracy of CASI-4R psychosis subscale in pediatric outpatient clinics. *Journal of Clinical Child and Adolescent Psychology*, 48, 610-621. (2019).
- Black, S.R., Fristad, M.A., Arnold, L.E., Birmaher, B., Findling, R.L., Youngstrom, E.A., Horwitz, S.H. Factors influencing young adults' use of outpatient mental health services. *Evidence-Based Practice in Child & Adolescent Mental Health*, 4, 113-121. (2019).
- Liu, Z., Osipovitch, M., Benraiss, A., Huynh, N.P.T., Foti, R., Bates, J., Chandler-Militello, D., Findling, R.L., Tesar, P.J., Nedergaard, M., Windrem, M.S., Goldman, S.A. Dysregulated glial differentiation in schizophrenia may be relieved by suppression of SMAD4- and REST- dependent signaling. *Cell Reports* 27, 3832-3843. (2019).
- Schroder, C.M., Malow, B.A., Maras, A., Melmed, R.D., Findling, R.L., Breddy, J., Nir, T., Shahmoon, S., Zisapel, N., Gringras, P. Pediatric prolonged-release melatonin for sleep in children with autism spectrum disorder: impact on child behavior and caregiver's quality of life. *Journal of Autism and Developmental Disorders*, 49, 3218-3230. (2019).
- Nico, I.G.E., Kolko, R., Lenze, E.J., Yingling, M.D., Miller, J.P., Ricchio, A.R., Schweiger, J.A., Findling, R.L., Wilfley, D., Newcomer, J.W. Adiposity, hepatic triglyceride and carotid intima media thickness during behavioral weight loss treatment in high-risk youth. *Journal of Child & Adolescent Psychopharmacology*, 29, 439-447. (2019).
- Sun, A.Y., Woods, S., Findling R., Stepanova. Safety considerations in the psychopharmacology of pediatric bipolar disorder. *Expert Opinion on Drug Safety*, 18, 777-794. (2019).
- Sun, A.Y., Findling, R.L., Stepanova, E. Additional considerations beyond efficacy for lithium in pediatric bipolar disorder. *Bipolar Disorders*, 21:558-559. (2019).
- Connor, D.F., Newcorn, J.H., Saylor, K.E., Amann, B.H., Scahill, L., Robb, A.S., Jensen, P.S., Vitiello, B., Findling, R.L., Buitelaar, J.K. Maladaptive aggression: with a focus on impulsive aggression in children and adolescents. *Journal of Child and Adolescent Psychopharmacology*, 29, 576-591. (2019).

- Ceresoli-Borroni, G., Liranso, T., Brittain, S.T., Connor, D.F., Evans, C.J., Findling, R.L., Hwang, S., Candler S, Robb A, Nasser A, Schwabe S. A novel assessment tool for impulsive aggression in children with attention-deficit/hyperactivity disorder. *Journal of Child and Adolescent Psychopharmacology*, 29, 592-598. (2019).
- Ceresoli-Borroni, G., Liranso, T., Brittain, S.T., Connor, D.F., Evans, C.J., Findling, R.L., Hwang, S., Fry, N., Candler, S.A., Robb, A.S., Saylor, K., Nasser, A., Schwabe, S. Application of the impulsive aggression diary in adolescents with attention-deficit/hyperactivity disorder. *Journal of Child and Adolescent Psychopharmacology*, 29, 599-607. (2019).
- Bertocci, M.A., Hanford, L., Manelis, A., Iyengar, S., Youngstrom, E., Gill, M.K., Monk, K., Versace, A., Bonar, L., Bebko, G., Ladouceur, C.D., Perlman, S., Diler, R., Horwitz, S.M., Arnold, L.E., Hafeman, D., Travis, M.J., Kowatch, R., Holland, S.K., Fristad, M.A., Findling, R.L., Birmaher, B., Phillips, M.L. Clinical, cortical thickness, and neural activity predictors of future affective lability in youth at risk for bipolar disorder: initial discovery and independent sample replication. *Molecular Psychiatry*, 24, 1856-1867. (2019).
- Krause-Parello, C., Friedman, E., Blanchard, K.N., Payton, M., & Gee, N.R., Veterans and shelter dogs: Examining the impact of dog-walking intervention on physiological and post-traumatic stress symptoms. *Anthrozoös*. 33(2), 225-241. (2020).  
<https://doi.org/10.1080/08927936.2020.1719763>
- Pendry, P., Carr, A.M., Gee, N.R., Vandagriff, J.L., Randomized trial examining effects of animal assisted intervention and stress related symptoms on college students' learning and study skills. *International Journal of Environmental Research and Public Health*, 17, 1909. (2020).  
<https://doi.org/10.3390/ijerph17061909>
- Pendry, P., Kuzara, S., & Gee, N.R., Characteristics of student-canine interaction during a meet and greet activity in a university-based animal visitation program. *Anthrozoös*.33, 53-69. (2020).  
<https://doi.org/10.1080.08927936.2020.1694311>
- Branson, S., Boss, L., Padhye, N. S., Gee, N.R., & Trotscher, T. Biopsychosocial factors and cognitive function in cat ownership and attachment in community-dwelling older adults. *Anthrozoös*. 32, 267-282. (2019).  
<https://www.tandfonline.com/doi/abs/10.1080/08927936.2019.1569908>



- Bures, R.M., Mueller, M.K., & Gee, N.R., Measuring human-animal attachment in a large U.S. survey: Two brief measures for children and their primary caregivers. *Frontiers in Public Health*, 7, Article 7. (2019).  
<https://doi.org/10.3389/fpubh.2019.00107>
- Carr, D.C., Taylor, M.G., Gee, N.R., & Sachs-Ericsson, N.J., Psychological health benefits of companion animals following a social loss. *The Gerontologist*, gnz109 (2019).  
<https://doi.org/10.1093/geront/gnz109>
- Clements, H., Valentin, S., Jenkins, J., Rankin, J., Baker, J.S., Gee, N.R., Snellgrove, D., & Sloman, K., The effects of interacting with fish in aquariums on human health and well-being: A systematic review. *PLOS ONE* 14(7): e0220524. (2019).  
<https://doi.org/10.1371/journal.pone.0220524>
- Friedmann, E., Galik, E., Thomas, S.A., Hall, S., Cheon, J., Han, N., Kim, H.E., & Gee, N.R. Relationship of behavioral interactions during an animal assisted intervention to health-related outcomes. *Anthrozoös*. 32, 221-238. (2019).  
<https://www.tandfonline.com/doi/abs/10.1080/08927936.2019.1569905>
- Gee, N.R., & Mueller, M. Current research evidence on Human-Animal Interaction (HAI) and aging: A systematic review of pet ownership and animal interactions. *Anthrozoös*, 32, 183-207. (2019).  
<https://www.tandfonline.com/doi/abs/10.1080/08927936.2019.1569903>
- Gee, N.R., Reed, T., Whiting, A. Friedmann, E., Snellgrove, D., & Sloman, K. Observing live fish improves perceptions of mood, relaxation and anxiety, but does not consistently alter heart rate or heart rate variability. *International Journal of Environmental Research and Public Health*, 16(17), 3113. (2019).  
<https://doi.org/10.3390/ijerph16173113>
- Kuzara, S., Pendry, P., Gee, N.R. Exploring the handler-dog connection within a university-based animal-assisted activity. *Animals*, 9(7), 402. (2019).  
<https://doi.org/10.3390/ani9070402>
- Pendry, P., Kuzara, S., & Gee, N.R., Evaluation of undergraduate students' responsiveness to a 4-week university-based animal-assisted stress prevention program. *International Journal of Environmental Research and Public Health*, 16, 3331. (2019).  
<https://doi10.3390/ijerph16183331>

- Purewal, R., Christley, R., Kordas, K., Joinson, C., Meints, K., Gee, N.R., & Westgarth, C. Socio-demographic factors associated with Pet Ownership amongst Adolescents from a UK birth cohort. *BMC Veterinary Research*, 15: 334. (2019).  
<https://doi.org/10.1186/s12917-019-2063-x>
- Holmes, C.M., Keyser-Marcus, L., Dave, B., Mishra, V. Project ECHO and Opioid Education: A systematic review. *Curr Treat Options Psych* 7:9-22. DOI 10.1007/s40501-020-00199-8. (2020).
- Kum-Nji, P., Meloy, L., Keyser-Marcus, L. Tobacco smoke exposure as a risk factor for human papillomavirus infections in women 18-26 years old in the United States. *PLoS ONE* 14(10): e0223532.  
<https://doi.org/10.1371/journal.pone.0223532>
- Maki, P.M., Kornstein, S.G. (co-first author), Joffe, H., Bromberger, J.T., Freeman, E.W., Athappilly, G., Bobo, W.V., Rubin, L.H., Koleva, H.K., Cohen, L.S., Soares, C.N. on behalf of the Board of Trustees of the North American Menopause Society (NAMS) and the Women and Mood Disorders Task Force of the National Network of Depression Centers. Guidelines for the evaluation and treatment of perimenopausal depression: Summary and recommendations. Joint publication in *Menopause* and *Journal of Women's Health* 28:117-134. (2019).
- Kornstein, S.G., Bliss, C., Kando, J., Madhoo, M. Subgroup analyses of baseline characteristics and treatment response to lisdexamfetamine vs placebo in adults with binge eating disorder. *Journal of Clinical Psychiatry* 2019 Feb 26;80(2). (2019).
- Phipps, L.B., Sepulveda, A., Karjane, N., Miles, D., Kornstein, S.G., Pickens, K.J., Svikis, D.S. Complementary and alternative medicine use in a heterogeneous sample of women. *Journal of Women's Health Care*, in press.
- Kornstein, S.G., Maki P.M. Response to letter to the editor. *Journal of Women's Health* 28:419, (2019).
- Smith, W.R., McClish, D.K., Roberts, J.D., Kandalaf, O., Dahman, B., Knisely, J., Levenson, J.L, Roseff, S., Aisiku, I.P. Prescription Opioid Misuse Index in sickle cell patients: A brief questionnaire to assess at-risk for opioid abuse. *J Opioid Manag.*;15:323-331. (2019).

- Weinland, S.R., Levenson, J.L. How Should Mechanical Circulatory Support Be Deactivated for Patients with Depression at the End of Life? *AMA J Ethics.*;21:E429-434. (2019).
- Van Tassel, B.W., Westman, P., Trankle, C., Johns, S., Kadariya, D., Buckley, L., Carbone, S., Abbate, A., Moeller, F.G. Noninvasive Hemodynamic Monitoring of Cocaine-Induced Changes in Cardiac Output and Systemic Vascular Resistance in Subjects with Chronic Cocaine Use Disorder. *J Cardiovasc Pharmacol. Dec*;74(6):528-534. doi: 10.1097/FJC.0000000000000740. PMID: 31809403; PMCID: PMC6905125. (2019).
- Land, M.A., Chapman, H.L., Davis-Reyes, B.D., Felsing, D.E., Allen, J.A., Moeller, F.G., Elferink, L.A., Cunningham, K.A., Anastasio, N.C. Serotonin 5-HT<sub>2C</sub> Receptor Cys23Ser Single Nucleotide Polymorphism Associates with Receptor Function and Localization In Vitro. *Sci Rep.* 2019 Nov 13;9(1):16737. doi: 10.1038/s41598-019-53124-2. PMID: 31723224; PMCID: PMC6853916. (2019).
- Ma, L., Del Buono, M.G., Moeller, F.G. Cannabis Use as a Risk Factor for Takotsubo (Stress) Cardiomyopathy: Exploring the Evidence from Brain-Heart Link. *Curr Cardiol Rep.* 2019 Aug 31;21(10):121. doi: 10.1007/s11886-019-1210-0. PMID: 31473817. (2019).
- Ma, L., Steinberg, J.L., Bjork, J.M., Taylor, B.A., Arias, A.J., Terplan, M., Anastasio, N.C., Zuniga, E.A., Lennon, M., Cunningham, K.A., Moeller, F.G. Cingulo-hippocampal Effective connectivity positively correlates with drug-cue attentional bias in opioid use disorder. *Psychiatry Res Neuroimaging.* 2019 Dec 30;294:110977. doi: 10.1016/j.psychresns.2019.08.005. Epub 2019 Aug 13. PMID: 31439409. (2019).
- Ma, L., Steinberg, J.L., Bjork, J.M., Wang, Q., Hetteema, J.M., Abbate A., Moeller, F.G. Altered Effective Connectivity of Central Autonomic Network in Response to Negative Facial Expression in Adults with Cannabis Use Disorder. *Biol Psychiatry Cogn Neurosci Neuroimaging.* 2020 Jan;5(1):84-96. doi: 10.1016/j.bpsc.2019.05.013. Epub 2019 Jun 5. PMID: 31345781. (2020).
- Beard, C.L., Schmitz, J.M., Soder, H.E., Suchting, R., Yoon, J.H., Hasan, K.M., Narayana, P.A., Moeller, F.G., Lane, S.D. Regional differences in white matter integrity in stimulant use disorders: A meta-analysis of diffusion tensor imaging studies. *Drug Alcohol Depend.* 2019 Aug 1;201:29-37. doi: 10.1016/j.drugalcdep.2019.03.023. Epub 2019 May 29. PMID: 31176066; PMCID: PMC6660908. (2019).

- Anastasio, N.C., Stutz, S.J., Price, A.E., Davis-Reyes, B.D., Sholler, D.J., Ferguson, S.M., Neumaier, J.F., Moeller, F.G., Hommel, J.D., Cunningham, K.A. Convergent neural connectivity in motor impulsivity and high-fat food binge-like eating in male Sprague-Dawley rats. *Neuropsychopharmacology*. Sep;44(10):1752-1761. doi: 10.1038/s41386-019-0394-8. Epub 2019 Apr 19. PMID: 31003231; PMCID: PMC6785029. (2019)
- Keen, L. 2nd, Abbate, A., Blanden, G., Priddie, C., Moeller, F.G., Rathore, M. Confirmed marijuana use and lymphocyte count in black people living with HIV. *Drug Alcohol Depend*. 2019 May 1;198:112-115. doi: 10.1016/j.drugalcdep.2018.11.018. Epub 2019 Mar 18. PMID: 30903985; PMCID: PMC7250156. (2019).
- Tannous, J., Mwangi, B., Hasan, K.M., Narayana, P.A., Steinberg, J.L., Walss-Bass, C., Moeller, F.G., Schmitz, J.M., Lane, S.D. Measures of possible allostatic load in comorbid cocaine and alcohol use disorder: Brain white matter integrity, telomere length, and anti-saccade performance. *PLoS One*. 2019 Jan 9;14(1):e0199729. doi: 10.1371/journal.pone.0199729. PMID: 30625144 PMCID: PMC6326479. (2019).
- Pandurangi, A.K., Buckley, P.F.: Inflammation, Antipsychotic Drugs and Evidence for Effectiveness of Anti-inflammatory Agents in Schizophrenia. *Curr Top Behav Neurosci*. 2019 Apr 17. PMID: 30993585. (2019).
- Pandurangi, A.K.: A Model and Evidence Base for achieving Complete Recovery. *Handbook of Schizophrenia Treatment Outcomes: An Evidence-Based Approach to Recovery*. Editors: Amresh Shrivastava and Avinash DeSousa, New York, Springer Science and Business Media, USA. (2019).
- Germick, J., Alkheder, Y., Rastogi, P., Hadimani, R.L., Pandurangi, A.K., Jiles, D.C. Development of Focused Transcranial Magnetic Stimulation Coils for Treating Schizophrenia. *IEEE Transactions on Magnetics*, Volume: 54 Issue: 11, Print ISSN: 0018-9464, Online ISSN: 1941-0069. (2018).
- Pandurangi, A.K.: Pharmacotherapy of Psychosis (2019), in *Drugs in Psychiatry*, 2019, Ed: R. Sagar & S. Sarkar, Jaypee Brothers, New Delhi, India. (2019).
- Vassileva, J. & Conrod, P. J. Impulsivities and addictions: A multidimensional integrative framework informing assessment and interventions for substance use disorders. *Philosophical Transactions of the Royal Society B*: 374 (1766), 20180137. (2019).  
<https://doi.org/10.1098/rstb.2018.0137>.

- Thomson, N.D., Bozgunov, K., Psederska, E., & Vassileva, J. Sex differences on the four facets of psychopathy predict physical, verbal, and indirect aggression. *Aggressive Behavior*, 45(3):265-274. Doi. (2019).  
<https://doi.org/10.1002/ab.21816>.
- Thomson, N.D., Vassileva, J., Kiehl, K.A., Reidy, D., Aboutanos, M., McDougale, R., DeLisi, M. Which features of psychopathy and impulsivity matter most for prison violence? New evidence among female prisoners. *International Journal of Law and Psychiatry*, 64, 26-33. (2019).  
<https://doi.org/10.1016/j.ijlp.2019.01.001>.
- Martin, E.M., Gonzalez, R., Vassileva, J., Bechara, A. Double dissociation of HIV and substance use disorders effects on neurocognitive tasks dependent on striatal integrity. *AIDS*. (2019).  
<https://doi.org/10.1097/QAD.0000000000002291>.
- Thomson, N.D., Bozgunov, K., Psederska, E., Aboutanos, M., Vasilev, G., Vassileva, J. Physical abuse explains sex differences in the association between psychopathy and physical aggression. *Journal of Interpersonal Violence*. doi: 10.1177/0886260519865956. (2019).
- Psederska, E., Savov, S., Atanasov, N., Vassileva, J. Relationships between alexithymia and psychopathy in heroin dependent individuals. *Frontiers in Psychology*, 10:2269. (2019).  
<https://doi.org/10.3389/fpsyg.2019.02269>.
- Park, H., Young, J., Vassileva, J., Ahn, W-Y. The Exponential Weight Updating Model: A novel computational model for the Balloon Analogue Risk Task. *PsyArXiv*, doi: (2019).  
<https://doi.org/10.31234/osf.io/sdzj4>.
- Romeu, R. J., Haines, N., Ahn, W-Y., Busemeyer, J., Vassileva, J. A computational model of the Cambridge Gambling Task with applications to substance use disorders. *Drug and Alcohol Dependence*, 206, 107711. (2020).  
<https://doi.org/10.1016/j.drugalcdep.2019.107711>.
- Kvam, P.D., Romeu, R.J., Turner, B.M., Vassileva, J., Busemeyer, J.R. Testing the factor structure underlying behavior using joint cognitive models: Impulsivity in delay discounting and Cambridge gambling tasks. *Psychological Methods*. (2020).  
<https://doi.org/10.1037/met0000264>.

- Long, E.C., Kaneva, R., Vasilev, G., Moeller, F.G., Vassileva, J. Neurocognitive and psychiatric markers for addiction: Common vs. specific endophenotypes for heroin and amphetamine dependence. *Current Topics in Medicinal Chemistry*, 20 (7), (2020).
- Pseuderska, E., Yankov, G., Bozgunov, K., Popov, V., Vasilev, G., Vassileva, J. Validation of the Levenson Self-Report Psychopathy Scale in Bulgarian substance dependent individuals. *Frontiers in Psychology*, 11:1110. <https://doi.org/10.3389/fpsyg.2020.01110>. (2020).
- Nedelchev, D., Nikolova, S., Pseuderska, E., Bozgunov, K., Vasilev, G., Shahidi, R., Vassileva, J. (In Press). Psychometric characteristics of the Bulgarian version of the Barratt Impulsiveness Scale-11. *Journal of Mental Health*. (In Bulgarian)
- Bozgunov, K., Pseuderska, E., Vasilev, G., Nedelchev, D., Vassileva, J. Utility of the construct of anxiety sensitivity for cognitive behavioral therapy. *Cognitive Behavioral Psychotherapy*. (in Bulgarian) (2020).
- Bajaj, J.S., Sikaroodi, M., Fagan, A., Heuman, D., Gilles, H., Gavis, E.A., Fuchs, M., Gonzalez-Maeso, J., Nizam, S.G., Wade, J.B. "Posttraumatic stress disorder is associated with altered gut microbiota that modulates cognitive performance in veterans with cirrhosis." 2019 Nov 1 *American Journal of Physiology. Gastrointestinal and Liver Physiology* Volume: 317 Issue: 5 Pg: G661-G669 ISSN: 0193-1857. (2019).
- Liu, R., Kang, J.D., Sartor, R.B., Sikaroodi, M., Fagan, A., Gavis, E.A., Zhou, H., Hylemon, P.B., Herzog, J., Li, X., Lippman, R.H., Gonzalez-Maeso, J., Wade, J.B., Ghosh, S., Gurley, E., Gillevet, P.M., Bajaj, J.S. "Neuroinflammation in Murine Cirrhosis Is Dependent on the Gut Microbiome and Is Attenuated by Fecal Transplant." 2019 Jun 20 *Hepatology (Baltimore, Md.)* Volume: Issue: Pg: ISSN: 0270-9139. (2019).
- Liu, R., Ahluwalia, V., Kang, J.D., Ghosh, S.S., Zhou, H., Li, Y., Zhao, D., Gurley, E., Li, X., White, M.B., Fagan, A., Lippman, H.R., Wade, J.B., Hylemon, P.B., Bajaj, J.S., Effect of Increasing Age on Brain Dysfunction in Cirrhosis. *Hepatology Communications*. Jan; 3(1): 63-73. (2019).
- Wade, J.B., Hayes, R.B., Wade, J.H., Bekenstein, J.W., Williams, K.D., Bajaj, J.S. Associations Between Religiosity, Spirituality, and Happiness Among Adults Living with Neurological Illness. *Journal of the International Neuropsychological Society*, Volume 25, Supplement 1, Pages S27-S28. (2019).

- Acharya, C., White, M.B., Fagan, A., Sterling, R.K., Stravitz, R.T., Puri, P., Fuchs, M., Luketic, V.A., Sanyal, A.J., Wade, J.B., John, B.V., Gilles, H.C., Heuman, D., Tinsley, F., Matherly, S., Lee, H., Siddiqui, M.S., Bajaj, J.S. Cognitive and Physical Frailty are Linked and Demonstrate Sustained Improvement After Liver Transplant. *Gastroenterology*,156(6):S-1241. (2019)
- Acharya, C., White, M.B., Fagan, A., Sterling, R.K., Stravitz, R.T., Puri, P., Fuchs, M., Luketic, V.A., Sanyal, A.J., Wade, J.B., John, B.V., Gilles, H.C., Heuman, D., Tinsley, F., Matherly, S., Lee, H., Siddiqui, M.S., Bajaj, J.S. Diagnosis of Covert Hepatic Encephalopathy Is Influenced by Multiple Non-cognitive Variables That Varies by Testing Strategy. *The American Journal of Gastroenterology*114:S26-S27. (2019).
- Acharya, C., White, M.B., Fagan, A., Sterling, R.K., Stravitz, R.T., Puri, P., Fuchs, M., Luketic, V.A., Sanyal, A.J., Wade, J.B., John, B.V., Gilles, H.C., Heuman, D., Tinsley, F., Matherly, S., Lee, H., Siddiqui, M.S., Bajaj, J.S. Liver Transplant Is Associated With Improvement in Cognition, Tandem Gait and Risk of Falls. *The American Journal of Gastroenterology*114:S16-S17. (2019).
- Xie, J, Acharya C, Vargas, H, Duarte-Rojo, A, Wade JB, Thacker, L, Kelly, M, White MB, Fagan A, Flud, C, Garcia-Saenz-de-Sicilla, M, Bajaj JS. Interaction of Pre- dementia Mild Cognitive Impairment and Hepatic Encephalopathy in Elderly Patients with Cirrhosis. *The American Journal of Gastroenterology*. (2019).
- Weinland, S.R., Levenson, J. How Should Mechanical Circulatory Support Be Deactivated for Patients with Depression at the End of Life? *AMA J Ethics*. 21:E429-434. (2019).

### **Under Review/Revision**

- Rezapour, T., Assari, S., Kirlic, N., Vassileva, J., Ekhtiari, H. (Under Review). Cognitive Resilience in Adolescence: From Constructs to Training.
- Thomson, N., Kevorkian, S., Bozgunov, K., Psederska, E., Aboutanos, M., Vasilev, G., Vassileva, J. (Under Revision). Intelligence moderates the link between psychopathy and aggression, but only for men. *Journal of Interpersonal Violence*.

**The Virginia Institute for Psychiatric and Behavioral Genetics (VIPBG)**  
**Kenneth Kendler, M.D., VIPBG Director**

**Books:**

- Kendler, K.S., Zachar, P. (Authors) (2019). "Toward A Philosophical Approach to Psychiatry: The Writings of Kenneth Kendler", Cambridge Scholars Publishing, Newcastle-upon-Tyne; pages 546; ISBN: 9781527541597.
- Zachar, P., Kendler, K.S., (Author, Editor) (2019) "Toward a Philosophical Approach to Psychiatry", Cambridge Scholars Publishing; 1 edition (November 1, 2019); ISBN: 978-1527538801.
- Kendler, K.S., Parnas, J., Zachar, P. (Editors) (2020). Levels of Analysis in Psychopathology: Cross-Disciplinary Perspectives"; Cambridge University Press (June 30, 2020); pages 559; ISBN:978-1108485197.

**Book Chapters:**

- Bountress, K.E., Cusack, S., Brick, L.A., Sheerin, C., Nugent, N.R., & Amstadter, A.B. (In Press). Genetic Influences on PTSD in M.T.Tull's and N.A. Kimbrell's Emotion in PTSD.
- Cusack, S.E., Uddin, M., Amstadter, A.B., Nugent, N.R., & Koenen, K.C. (2019). Genetics and Genomics of Posttraumatic Stress Disorder. (under second review).
- Bountress, K.E., Brick, L.A., Cusack, S.E., Sheerin, C.M., Nugent, N.R., & Amstadter, A.B. (2018). Genetic Influences of Posttraumatic Stress Disorder. (in press).
- Eastman ML, Moore AA, & Roberson-Nay R. (2019). Genetics of Pediatric Irritability In Amy Krain Roy, Melissa A. Brotman, and Ellen Leibenluft (Eds), Irritability in Pediatric Psychopathology. Oxford University Press.
- Sheerin, C.M., Brick, L., Nugent, N.R., & Amstadter, A.B. Genetic Studies of Posttraumatic Stress Disorder and Substance Use Disorders: Background, Developments, and Future Directions (2019). In A. Vujanovic & S. Back (Eds.), Posttraumatic Stress and Substance Use Disorders: A Comprehensive Clinical Handbook (285-309). NY: Routledge.
- Bountress, K.E., Brick, L.A., Cusack, S.E., Sheerin, C.M., Nugent, N.R., & Amstadter, A.B. (2018). Genetic Influences of Posttraumatic Stress Disorder. (in press).



## **Publications:**

- Kendler, K.S., Ohlsson, H., Sundquist, J., Sundquist, K., Edwards, A.C. The Sources of Parent-Child Transmission of Risk for Suicide Attempt and Suicide Death in Swedish National Samples. Accepted at American Journal of Psychiatry.
- Edwards, A.C., Ohlsson, H., Sundquist, J., Sundquist, K., Kendler, K.S. Socioeconomic sequelae of drug abuse in a Swedish national cohort. Accepted at Drug and Alcohol Dependence.
- Fernandes, G., Lewis, G., Abeysekera, K., Mahedy, L., Lewis, G., Edwards, A., Hickman, M., Heron, J. Alcohol consumption and internalizing disorders in young adults of ALSPAC: a population-based study. Accepted at Journal of Epidemiology and Community Health.
- Lapato, D.M., Roberson-Nay, R., Kirkpatrick, R.M., Webb, B.T., York, T.P., Kinser, P. (2019). DNA Methylation Associated with Postpartum Depressive Symptoms Overlaps Findings from a Genome-wide Association Meta-Analysis of Depression, bioRxiv 600742; doi: <https://doi.org/10.1101/600742>
- York, T.P., Jackson-Cook, C., Moyer, S., Roberson-Nay, R., Murphy, S.K., Fuemmeler, B.F., Latendresse, S.J., Lapato, D.M., Wolen, A.R., Do, E.K., Hoyo, Jerome, C., Strauss III, E. (2019) Replicated Umbilical Cord Blood DNA Methylation Loci Associated with Gestational Age at Birth. bioRxiv 749135; doi: <https://doi.org/10.1101/749135>
- Roberson-Nay, R., Wolen, A.R., Lapato, D.M., Lancaster, E.E., Webb, B.T., Verhulst, B., Hettema, J.m., York, T.P. (2019). Twin Study of Early-Onset Major Depression Finds DNA Methylation Enrichment for Neurodevelopmental Genes bioRxiv 422345; doi: <https://doi.org/10.1101/422345>
- Sheerin, C.M., Bountress, K.E., Meyers, J.L., Subbie-Saenz de Viteria, S., Shen, H., Maihofer, A.X., PGC-PTSD Workgroup, PGC-SUD Workgroup (Webb, B.T.), Duncan, L.E., & Amstadter, A.B. (revise & resubmit). Shared molecular genetic risk of alcohol dependence and PTSD.
- Danielson, C.K., Bountress, K.E., Adams, Z.W., Calhoun, C., Hahn, A., Amstadter, A., & Thomas, S. (revise & resubmit). Distinct Associations and Objective Stress Responses with Interpersonal Trauma, PTSD, Stress-Induced Drinking, and Drinking to Cope in Young Adults.

- Bountress, K., Cohen, J., Ruggiero, K., Davidson, T., Calhoun, C., Nelson, F., Fields, C., Danielson, C.K., Russell, S., & Gilmore, A. (revise & resubmit). Offspring Self- Disclosure Predicts Outcomes in an Emergency Department Sample of Young Adults with Traumatic Injury.
- Hicks, T.A., Bountress, K.E., Resnick, H.S., Ruggiero, K.J., & Amstadter, A.B. (revise & resubmit). The Moderated Role of Caregiver Support in the Mediated Association between Trauma Exposure Phenotypes and Binge Drinking among Adolescents Exposed to a Natural Disaster: A Longitudinal Study.
- Hawn, S.E., Bountress, K.E., Sheerin, C., Spit for Science Working Group (Riley BP, Edwards AC, Webb BT), Dick, D., Amstadter, A.B. (revise & resubmit). Trauma- related drinking to cope: A novel approach to the self-medication model.
- Bountress, K.\*, Vladimirov, V.\*, Thomas, S., Hardimann, G., Chung, D., Danielson, C.K.\*\* , Amstadter, A.\*\* (revise & resubmit). Genome-wide gene expression differences based on trauma history and PTSD in a sample of young adults.
- Bountress, K., Hawn, S., Dick, D., Spit for Science Working Group (Riley BP, Edwards AC, Webb BT), Amstadter, A. (under review). Latent Profiles of Alcohol Consumption Among Trauma-Exposed College Students: Associations with Demographic and Trauma-Related Constructs.
- Bountress, K., Gilmore, A., Metzger, I., Aggen, S., Tomko, R., Danielson, C.K., Williamson, V., Vladimirov, V., Gelernter, J., Ruggiero, K., Amstadter, A. (revise & resubmit). The Impact of Severity of Disaster Exposure: Cascading Effects across Parental Distress, Adolescent PTSD Symptoms, and Family Functioning. *Journal of Traumatic Stress*
- McKee, K.L., Russell, M., Mennis, J., Mason, M., Neale, M.C. (2019). Emotion Regulation Dynamics Predict Substance Use in High-Risk Adolescents. *Addictive Behaviors*
- Rosenström, T., Torvik, F.A., Ystrom, E., Aggen, S.H., Gillespie, N.A., Krueger, R.F., Czajkowski, N.O., Kender, K.S., Reichborn-Kjennerud, T., (2019) Specific antisocial and borderline personality disorder criteria and general substance use: a twin study.
- van Loo, H.M., Bigdeli, T.B., Milaneschi, Y., Aggen, S.H., Kendler, K.S. (2018). Data mining algorithm predicts a range of adverse outcomes in major depression. (revision resubmitted to *British Journal of Psychiatry*)

- Prom-Wormley, E., Eaves, L.J., Silberg, J.L., Miles, D., Schieken, R., Murrelle, L., McGue, M., Iacono, W.G., Legrand, L., Samek, D., Rhee, S., Hewitt, J.K., Young, S., Corley, R., White, V., Beunen, G.P., Thomis, M., Boomsma, D.I., Bartels, M., Vink, J.M., Lichtenstein, P., Kaprio, J., Rose, D., Dick, D.M., Martin, N.G., Gillespie, N.A., Kendler, K.S., Neale, M.C., Maes, H.H. The Genetic and Environmental Contributions to Smoking Initiation Across the Lifespan: The Genetic Epidemiology of Smoking Study. *Behav Genet.* submitted.
- Munn-Chernoff, M.A., Bacanu, S-A., Edwards, A.C., Peterson, R.E., Webb, B.T., Gillespie, N.A., Kendler, K.S, Maes, H.H., Riley, B.P., Silberg, J., et al (multiple authors). Shared Genetic Risk between Eating Disorder and Substance Use-Related Phenotypes: Evidence from Genome-Wide Association Studies. *Addict Biol.* submitted.
- Long, E.C., Aliev, F., Hwang, L.D., Ong, J.S., Savage, J.E., Edwards, A., Prom-Wormley, E., Salvatore, J.E., Chatzinakos, C., Martin, N.G., Kendler, K.S., Gillespie, N.A. The roles of polygenic scores, parental monitoring, and peer deviance in risk for alcohol use across adolescence *Psychol Med.* submitted.
- Shin, J., Ma, S., Hofer, E., Patel, Y., Roshchupkin, G.V., Sousa, A.M., Jian, X., Fornage, M., Saba, Y., Pirpamer, L., Schmidt, R., Schmidt, H., Mazoyer, B., Bis, J.C., Li, S., Yang, Q., Luciano, M., Karama, S., Lewis, L., Bastin, M., Deary, I.J., Wardlaw, J.A., Scholz, M., Loeffler, M., Witte, V., Beyer, F., Villringer, A., Hieab, H.H.H., Adams, M., Ikram, A., Kremen, W.s., Gillespie, N., the ENIGMA Consortium, Sestan, N., Pausova, Z., Seshadri, S., Paus, T., Group ftnW. Planar cell polarity pathway and development of the human visual cortex. *Nat Neurosci.* submitted.
- Hofer, E., Roshchupkin, G., Adams, H., Knol, M., Lin, H., Gillespie, N., Schmidt, R. Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium. *Nat Genet.* submitted.
- Bourdon, J.L., Savage, J.E., Verhulst, B., Carney, D.M., Gillespie, N.A., Brotman, M.A., Pine, D.S., Leibenluft, E., Roberson-Nay, R., Hettrema, J.M. The Genetic and Environmental Relationship Between Childhood Behavioral Inhibition and Pre-Adolescent Anxiety. *J Abnorm Child Psychol.* submitted.
- Birgegård, A., Lichtenstein, P., Gillespie, N.A., Bulik, C.M., Agrawal, A. Shared Genetic Risk between Eating Disorder and Substance-Related Phenotypes: Evidence from Genome- Wide Association Studies. submitted.

- Silberg, J., Eaves, J.L. Father's genotype on mother's parenting: A study of twins and their children.
- Silberg, J., Rutter, M. Peer deviance as an environmental risk factor in boys' depression. *Journal of Child Psychology and Psychiatry*.
- Liu, J., Kang, L., Kirkpatrick, R.M., Sabo, R.T., Perera, R.A. Estimating knots in bilinear spline growth models with time-invariant covariates in the framework of individual measurement occasions. Submitted to *Multivariate Behavioral Research*.
- Maes, H.H., Neale, M.C., Kirkpatrick, R.M., Kendler, K.S. Modeling causes of covariation between variables in twins. Submitted to *Behavior Genetics*.
- Bowlby, B., Williamson, V., Edenberg, H.J., Gelernter, J., Vladimirov, V.I., Riley, B.P. (ms. in preparation). Long noncoding RNAs associated with alcohol dependence are predicted to regulate ethanol-responsive genes. *Alcohol Clin Exp Res*.
- McMichael, G.O., Drake, J., Vornholt, E.S., Williamson, V., Cresswell, K., Chatzinakos, C., Mamdani, M., Hariharan, S., Kendler, K.S., Miles, M.F., Kalsi, G., Riley, B.P., Dozmorov, M., Bacanu, S.A., Vladimirov, V.I. (2019) Genetic and network analysis of the long noncoding transcriptome in nucleus accumbens in subjects with alcohol dependence. Submitted
- Bountress, K., Vladimirov, V.I., McMichael, C.O., Hardiman, G., Chung, D., Adams, Z.W., Danielson, C., Amstadter, A. (2019) Gene Expression Differences between Young Adults Based on Trauma History and Posttraumatic Stress Disorder. Submitted
- Chatzinakos, C., Lee, D., Na, C., Vladimirov, V.I., Webb, B.T., Riley, B.P., Flint, J., Kendler, K.S., Bacanu, S.A. (2019). DISTMIX2: robust imputation of summary statistics for cosmopolitan cohorts using a large and diverse reference panel. Submitted
- Chatzinakos, C., Lee, D., Na, C., Vladimirov, V.I., Webb, B.T., Riley, B.P., Flint, J., Kendler, K.S., Bacanu, S.A. (2019). JEPEGMIX2-P: a novel transcriptomic pathway method that greatly enhances detection of the molecular underpinnings for complex traits. Submitted.
- Cheng, H., Kendler, K.S., Edwards, A.C. Association between major depressive symptoms and drinking onset. Do sex and age matter? Submitted to *Journal of Affective Disorders*.

- Johnson, E.C.\*, Sanchez-Roige, S.\*, Acion, L., Adams, M.J., Bucholz, K.K., Chan, G., Chao, M.J., Chorlian, D.B., Dick, D.M., Edenberg, H.J., Foroud, T., Hayward, C., Heron, J., Hesselbrock, V., Hickman, M., Kendler, K.S., Kinreich, S., Kramer, J., Kuo, S.C., Kuperman, S., Lai, D., McIntosh, A.M., Meyers, J.L., Porjesz, B., Porteous, D., Schuckit, M.A., Su, J., Zang, Y., Palmer, A.A., Agrawal, A., Clarke, T.K.\*\*, Edwards, A.C.\*\*. Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples. Submitted to *Psychological Medicine*. \*Joint first authors; \*\*Joint senior authors.
- Edwards, A.C., Ohlsson, H., Sundquist, J., Sundquist, K., Kendler, K.S. Alcohol use disorder and risk of suicide in a Swedish population-based cohort. Submitted to *American Journal of Psychiatry*.
- Sawyers, C., Sheerin, C., Eastman, M., Burchett, J., Howell, P., Neigh, G., Amstadter, A.B., Hettema, J.M., Roberson-Nay, R. Examining the shared genetic and environmental influences on baseline cortisol level and response to a psychosocial stressor. *Neuropsychopharmacology*. (Submitted December 2019).
- Savage, J.E., Sawyers, C., Konig, A., Sherrin, C., Vrana, S., Roberson-Nay, R. Basal associations between salivary alpha-amylase, cortisol, and physiological and subjective measures of anxiety. *Psychoneuroendocrinology*. (Submitted August 2019)
- Eastman, M., Verhulst, B., Sawyers, C., Sheerin, C., Howell, P., Neigh, G., Hettema, J.M., Roberson-Nay, R. Limited effect of peer victimization types on cortisol reactivity among adolescents. *Journal of Adolescence*. (Submitted Jan 2019)
- Ma, L., Bjork, J.M., Steinberg, J.L., Keyser-Marcus, L., Abbate, A., Roberson-Nay, R., Lu, Q., Hettema, J.M., Moeller, F.G. A large-scale resting state directional connectivity analysis in adults with cannabis use disorder.
- Cai, N., Revez, J.A., Adams, M.J., Andlauer, T.F.M., Breen, G., Byrne, E.M., Clarke, T.K., Forstner, A.J., Grabe, H.J., Hamilton, S.P., Levinson, D.F., Lewis, C.M., Lewis, G., Martin, N.G., Milaneschi, Y., Mors, O., Müller-Myhsok, B., Pennix, B.W.J.H., Perlis, R.H., Pistis, G., Potash, J.B., Preisig, M., Shi, J., Smoller, J.W., Fabien, S.F., Tiemeier, H., Uher, R., Van der Auwera, S., Viktorin, A., Weissman, M.M., MDD Working Group of the Psychiatric Genomics Consortium (Kendler, K.S., Riley, B.P., Webb, B.T.), Kendler, K.S., Flint, J. Minimal phenotyping yields GWAS hits of low specificity for major depression. bioRxiv:440735

- Polimanti, R., Walters, R.K., Johnson, E.C., McClintick, J.N., Adkins, A.E., Adkins, D.E., Bacanu, S.A., Bierut, L.J., Bigdeli, T.B., Brown, S., Bucholz, K., Copeland, W.E., Costello, E.J., Degenhardt, L., Farrer, L.A., Foroud, T.M., Fox, L., Goate, A., Grucza, R., Hack, L.M., Hancock, D.B., Hartz, S.M., Heath, A.C., Hewitt, J.K., Hopfer, C.J., Johnson, E.O., Kendler, K.S., Kranzler, H.R., Krauter, K., Lai, D., Madden, P.A.F., Martin, N.G., Maes, H.H., Nelson, E.C., Peterson, R.E., Porjesz, B., Riley, B.P., Saccone, N., Stallings, M., Wall, T., Webb, B.T., Wetherill, L., the Psychiatric Genomics Consortium Substance Use Disorders Workgroup, Edenberg, H.J., Agrawal, A., Gelernter, J. Leveraging genome-wide data to investigate differences between opioid use vs. opioid dependence in 41,176 individuals from the Psychiatric Genomics Consortium. Submitted to Molecular Psychiatry. bioRxiv:765065
- Maes, H.H., Neale, M.C., Lonn, S.L., Lichtenstein, P., Sundquist, J., Sundquist, K., Kendler, K.S. Modeling etiology of smoking during pregnancy in Swedish twins, full- & half- siblings, reared together and apart, submitted to Nicotine & Tobacco Research.
- Ball, K.M., Maes, H.H., Kuzel, A.J., Perera, R., Prom-Wormley, E.C., Testing Measurement Invariance in the Metabolic Syndrome by Smoking Status: 2015-2016 NHANES
- Prom-Wormley, E., Barr, P., Salvatore, J., Maes, H.H., Silberg, J.L., Latvala, A., Eero Vuoksima, E., Kaprio, J., Rose, R., Dick, D., The Genetic Epidemiology of Attempt to Reduce Alcohol Use in a Finnish Twin Sample.
- Prom-Wormley, E.C., Clifford, J.S., Cooke, M.E., Cecilione, J., Maes, H.H., Do, E., Roberson-Nay, R., The Genetic and Environmental Influences Contributing to the Association between Electronic and Conventional Cigarette Initiation.

### **Under Review/Revision/In Preparation**

- Hawn, S.E., Cusack, S.E., & Amstadter, A.B. (under second review). The drinking to cope self-medication model: Myth or reality? *Journal of Traumatic Stress*.
- Kurtz, E., Sheerin, C.M., Cusack, S.E., Montano, H.G., VA Mid-Atlantic MIRECC Workgroup, & Kelley, M.L. (under review). Adding military sexual assault to an integrated model of risk and protective factors for posttraumatic stress symptoms in post-9/11 women veterans.
- McDonald, S., Walker, W.C., Cusack, S.E., Yoash-Gantz, R.E., Pickett, T.C., Cifu, D., & Tupler, L.A. (under review). Mild TBI is associated with self-reported health problems beyond the Impact of PTSD, depression, and anxiety disorders among U.S. military veterans.
- Pritikin, J.N. (submitted). A factor model with ordinal paired comparison indicators. Cusack, S.E., Bountress, K., Lind, M.J., Spit for Science Working Group (Riley BP, Edwards AC, Webb BT), Dick, D.M., & Amstadter, A.B. (under second review). Trauma exposure, alcohol consumption, and sleep quality: A latent growth curve model. *Behavioral Sleep Medicine*.
- Pritikin, J.N. (submitted). A factor model with ordinal paired comparison indicators. Cusack, S.E., Bountress, K., Lind, M.J., Spit for Science Working Group (Riley, B.P., Edwards, A.C., Webb, B.T.), Dick, D.M., & Amstadter, A.B. (under second review). Trauma exposure, alcohol consumption, and sleep quality: A latent growth curve model. *Behavioral Sleep Medicine*.
- Hawn, S.E., Cusack, S.E., & Amstadter, A.B. (under second review). The drinking to cope self-medication model: Myth or reality? *Journal of Traumatic Stress*.
- Kurtz, E., Sheerin, C.M., Cusack, S.E., Montano, H.G., VA Mid-Atlantic MIRECC Workgroup, & Kelley, M.L. (under review). Adding military sexual assault to an integrated model of risk and protective factors for posttraumatic stress symptoms in post-9/11 women veterans.
- McDonald, S., Walker, W.C., Cusack, S.E., Yoash-Gantz, R.E., Pickett, T.C., Cifu, D., Tupler, L.A. (under review). Mild TBI is associated with self-reported health problems beyond the Impact of PTSD, depression, and anxiety disorders among U.S. military veterans.

- Hawn, S.E., Cusack, S.E, George, B., Sheerin, C., Spit for Science Working Group (Riley, B.P., Edwards, A.C., Webb, B.T.), Dick, D.M., Amstadter, A.B. (under review). Examination of the diagnostic validity efficacy of the PC-PTSD among college undergraduates. *Journal of Consulting and Clinical Psychology*.
- Hawn, S.E., Aggen, S., Cusack, S.E., Spit for Science Working Group (Riley BP, Edwards AC, Webb BT), Dick, D.M., & Amstadter, A.B. (under review). Examination of a novel measure of trauma-related drinking to cope. *Journal of Abnormal Psychology*.
- George, B.A., Bountress, K.E., Brown, R.C., Hawn, S.E., Brown, E.A., McDonald, S. D., Pickett, T., Danielson, C. K., Sheerin, C. M., Amstadter A. B. (under review) Does Prior Trauma Moderate the Relationship Between Combat Trauma and Post-deployment Mental Health Symptoms?
- Walker, J., Gilmore, A.K., Cohen, J., & Bountress, K. (under review). Mental Health Symptoms after Traumatic Injury: Prior Trauma Exposure and Substance Use as Predictors.
- George, B., Guzman, A., Cohen, J., Gilmore, A., & Bountress, K. (under review). Facets of Social Support are Differentially Predictive of Anxiety, Depression, and Alcohol Use Outcomes in a Young Adult Traumatic Injury Sample.
- Sawyers, C., Kurtz, E.D., Sheerin, C., Maes, H.H., Kendler, K.S., Amstadter, A.B. (under second review). Genetic and Environmental Influences on conceptualizations of resilience. *Depression and Anxiety* (resubmitted July 2019)
- Sheerin, C.M., Vrana, S.R., Roberson-Nay, R. (under review). Examination of autonomic balance in social anxiety disorder.
- Huckins, L.M., Chatzinakos, C., Breen, M.S., Hartmann, J., Klengel, T., da Silva Almeida, A.C., Dobbyn, A., Girdhar, K., Hoffman, G.E., Klengel. C., Logue, M., Lori, A., Maihofer, A.X., Morrison, F.G., Nguyen, H., Park, Y., Ruderfer, D., Sloofman, L.G, ..., Stahl, E.A., Daskalakis, N.P. Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. (under Review). *Cell Reports*.  
<http://dx.doi.org/10.2139/ssrn.3473465>.



- Jia, X., Goes, F., Locke, A.E., Palmer, D., Wang, W., Cohen-Woods, S., Genovese, G., Jackson, A.U., Kvale, M., Nguyen, H., Pirooznia, M., Rivera, M., Ruderfer, D.M., ..., Purcell, S., Risch, N., Schaefer, C., Stahl, E.A., Zandi, P.P., Scott, L. Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. (under review). *Molecular Psychiatry*
- Zellers, S.M., Corley, R., Thibodeau, E., Kirkpatrick, R.M., Elkins, I., et al. Adolescent externalizing psychopathology and its relationship to marijuana use development from age 14 to 30. (under review) *Behavior Genetics*.
- Hicks, T.A., Bountress, K.E., Resnick, H.S., Ruggiero, K.J., Amstadter, A.B. Caregiver support buffers posttraumatic stress disorder symptoms following a natural disaster in relation to binge drinking. (under third review) Manuscript submitted for publication.
- Hicks, T.A., Brown, R.C., Hawn, S.E., Brown, E., McDonald, S., Pickett, T., Danielson, C.K., Amstadter, A.B. Coping-related drinking motives mediate the relationship between internalizing symptoms and risk for alcohol use. (under review) Manuscript submitted for publication.
- Haeny, A.M., Woerner, J., Overstreet, C.M., Hicks, T.A., Ahuja, M., Amstadter, A.B., Sartor, C.E. Do the Associations between perceived discrimination and world assumptions and distress indicators differ between marginalized and non-marginalized groups? (under review) Manuscript submitted for publication.
- Dennis, P.A., Hicks, T.A., Travis, E.A., Morey, M.C., Hertzberg, J.S., Calhoun, P.S., Moore, S.D., & Beckham, J.C. Pilot testing a mobile contingency management application to promote smoking cessation and physical activity among low-income smokers. (under review) Manuscript submitted for publication.
- Peterson, R.E., Bigdeli, T.B., Ripke, S., Bacanu, S.A., Gejman, P.V., Levinson, D.F., Li, Q.S., Wang, D., Rujescu, D., Rietschel, M., Weinberger, D.R., Straub, R.E., Walters, J.T.R., Mowry, B.J., Ophoff, R.A., Andreassen, O.A., Esko, T., Petryshen, T.L., Kendler, K.S., Schizophrenia Working Group of the Psychiatric Genomics Consortium (Riley, B.P., Webb, B.T., Kendler, K.S.), Fanous, A.H. Genome-wide analyses of smoking behaviors in schizophrenia: findings from the Psychiatric Genomics Consortium. (under review) (*Schizophrenia Research*).

- McNett, S., Lind, M., Brown, R., Hawn, S., Berenz, E., Brown, E., McDonald, S., Pickett, T., Danielson, C., Thomas, S., Amstadter, A. Disturbed sleep moderates the relationship between anxiety sensitivity and PTSD symptoms in combat-exposed veterans. (under review) Manuscript submitted for publication: Behavioral Sleep Medicine.
- Nguyen, H.T., Dobbyn, A., Riley, B.P., Brown, R.C., Buxbaum J., Pinto, D., Purcell, S.M., Sullivan, P.F., He, X., Stahl E.A. mTADA: a framework for analyzing de novo mutations in multiple traits. (under revision) Manuscript submitted for publication: Nature Communications.
- Brick, T.R., Pritikin, J.N. (in preparation). Regularized structural equation modeling.
- Hendriks, T., Pritikin, J.N., Choudhary, R. (in preparation). Character strengths and virtues in long-term meditation practitioners: A cross-sectional survey.
- Hunter, M D. Pritikin, J. N. (in preparation). Extended ordinal variable standardization in weighted least squares modeling.
- Kirkpatrick, R.M., Hunter, M.D., Pritikin, J.N., Neale, M.C. (in preparation). Combining structural equation modeling with genomic-relatedness-matrix restricted maximum likelihood in OpenMx.
- Neale, M.C., Pritikin, J.N. (in preparation). Variance components of neuroimaging, cognitive, psychological, and behavioral assessments in ABCD 2.0.
- Pritikin, J.N., Schmidt, K.M. (in preparation). Initial map of physical activity flow propensities.
- Pritikin, J.N., Verhulst, B., Neale, M.C. (in preparation). Genome-wide structural equation modeling revisited.
- Sheerin, C., Aggen, S., Bountress, K., Amstadter, A. (In Preparation). Interaction Effects between Resilience and Stressful Life Events to Predict Alcohol Dependence.
- Nugent, N., Lind, M.J., Bacanu, S., Sheerin, C.M., Marraccini, M.E., Bountress, K., & Amstadter, A.B. (In Preparation). Hypothalamic Pituitary Adrenal Axis Genes and PTSD: A Meta-analysis.

- Vladimirov, V., Bountress, K., Danielson, K., & Amstadter, A. (In Preparation). Genome-wide Gene Expression Differences based on Trauma History and PTSD in a Sample of Veterans.
- Elam, K., Bountress, K., Lemery, K., & Dick, D. (In Preparation). Associations among Polygenic Risk, Impulsivity, and Evoked Parental Monitoring.
- McKee, K. L., Klump, K., Burt, A., & Neale, M. C. (2020). Unequal Environments in Experience Sampling: Considerations for Twin Pair Time Series Models. *Behavior Genetics* (in review)
- McKee, K.L., Klump, K., Burt, A., Neale, M.C. (2020). Phenotype Extraction: Hierarchical Biometrical Genetic Modeling of Behavioral Time Series
- van Loo, H., Aggen, S.H., Kendler, K.S. (2019). A Dimensional Exploratory Analysis of Three Different Groupings of Clinical Features of Major Depression. (in preparation)
- Kendler, K.S., Aggen, S.H., Fried, E.I. (2019) A Network analysis of Individual fears and phobias. (in preparation)
- Sheerin, C.M., Cusack, S.E., Aggen, S.H., Kendler, K.S., Amstadter, A.B. (2019). Alcohol and Psychological Resilience and Their External Prediction Validity. (in preparation)
- Aggen, S.H., Kubarych, T.S., Neale, M.C., (2019). Informing Clinical Assessments using Dimensional Non-Invariance Testing: DSM-IV Cannabis Abuse and Dependence Criteria. (in preparation).
- Epskamp, S., van der Maas, H., Peterson, R., van Loo, H., Aggen, S.H., van Nes, E., Scheffer, M., Kendler, K.S., (2019). Intermediate Stable States in Substance Use. (in preparation)
- Lapato, D.M., Aggen, S.H., Moyer, S., Wolf, H.M., Norum, S.P.L., Roberson-Nay, R., York, T.P. (2019). Evaluating the Structural Organization and External Validity of the NIFETy Instrument for Characterizing Neighborhood Quality. (in preparation)
- Verhulst, B., Aggen, S.H., Hahn, E., Neale, M.C. (2019) The Relative Merits of Weighted Least Squares and Maximum Likelihood Fit Functions when Data are Missing at Random. (under revision)

- Aggen, S.H., Kubarych, T.S., Silberg, J.L., Eaves, L.J., Gillespie, N.A., Neale, M.C., Kendler, K.S. (2019) Estimating Common Genetic Liability in Cannabis Use Disorder and Inhibitory Control with a Genetically Informative Twin Growth Curve Model. (in preparation)
- Kendler, K.S., Aggen, S.H. (2019) Personality Disorder Traits and Alcohol Abuse/Dependence and Illicit Substance Use and Abuse/Dependence: A Co-Twin Control Study. (in preparation)
- Yan, J., Aggen, S.H., Schwandt, M.L., George, D.T., Heilig, M., Kendler, K.S., Ramchandani, VA, (2019). An Investigation of the Dimensionality of Alcohol Use Disorder Symptoms in a Treatment-Seeking Sample. *Addiction*. (being revised).
- Kubarych, T.S., Maes, H.M., Silberg, J.L., Eaves, L.J., Aggen, S.H., Gillespie, N.A., Neale, M.C. (2019). A multivariate ordinal sex limitation model of illicit substance use, alcohol dependence and antisocial personality disorder. (in preparation)
- Kendler, K.S., Aggen, S.H. (2019). A Biometric Decomposition of the FTND Items and Craving in the Virginia Twin Study. (in preparation)
- Webb, B.T., Alexander, J.C., Bacanu, S-A., Kendler, K.S., Riley, B.P.† (ms. in preparation). Rare variation in ethanol metabolizing genes in severe alcohol use disorder cases. *Molec. Psychiatr.*
- Bigdeli, T.B., Bacanu, S-A., Webb, B.T., Walsh, D., O'Neill, F.A., Fanous, A.H., Kendler, K.S., Riley, B.P.† (ms. in preparation). Comparison of Polygene Scores in Familial and Singleton Schizophrenia Cases. *Schizophrenia Research*.
- Loken, E.K., Bacanu, S-A, Walsh, D., O'Neill, F.A., Kendler, K.S., Riley, B.P.† (in revision). Risk Variants in Noncoding Functional Sequences in Loci Associated with Schizophrenia. *Schizophrenia Research*.
- Vornholt, E., Mamdani, M., Drake, J., McMichael, G.O., Taylor, Z.N., Bacanu, S-A, Miles, M.F., Vladimirov, V.I. (2020). Network Preservation Reveals Shared and Unique Biological Processes Associated with Chronic Alcohol Abuse in NAC and PFC. (under review) *Biol. Psychiatry*, bioRxiv preprint: 10.1101/2020.05.21.108621

- Vornholt E, Luo D, Qiu W, McMichael GO, Liu Y, Gillespie N, Ma C, Vladimirov VI. (2020). Postmortem brain tissue as an underutilized resource to study the molecular pathology of neuropsychiatric disorders across different ethnic populations. *Neuroscience and Biobehavioral Reviews*. PMID: 31028758

**Publications in NON-Peer-Reviewed Journals:**

- Bigdeli, T., Peterson, R., Ripke, S. Bacanu, S-A, Amdur, R., Gejman, P., Levinson, D., Riley, B., St. Clair, D., Rietschel, M., Walters, J., Ophoff, R., McQuillin, A., Gurling, H., Rujescu, D., Sullivan, P., Kirov, G., Pato, M., Pato, C., Andreassen, O., Owen, M., O'Donovan, M., Corvin, A., Malhotra, A., Mowry, B., Esko, T., Werge, T, Kendler, K.S., Schizophrenia Working Group Psychiatric Genomics (Kendler, K.S., Riley, B.P., Webb, B.T.), Fanous, A. Genome-wide Association Study of Clinical Features in the Schizophrenia Psychiatric Genomics Consortium: Confirmation of Polygenic Effect on Negative Symptoms bioRxiv 161349; doi: <https://doi.org/1>